

For Research Use Only

UCK2 Monoclonal antibody, PBS Only



Catalog Number: 68622-1-PBS

Basic Information

Catalog Number:

68622-1-PBS

Size:

100ug , Concentration: 1 mg/ml by Nanodrop;

Source:

Mouse

Isotype:

IgG2b

Immunogen Catalog Number:

AG0782

GenBank Accession Number:

BC002906

GeneID (NCBI):

7371

UNIPROT ID:

Q9BZX2

Full Name:

uridine-cytidine kinase 2

Calculated MW:

29 kDa

Observed MW:

~30 kDa

Purification Method:

Protein A purification

CloneNo.:

2F10F4

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

Human, mouse, rat

Background Information

Uridine-cytidine kinase 2 catalyzes the phosphorylation of uridine and cytidine to uridine monophosphate (UMP) and cytidine monophosphate (CMP), respectively. This is the first step in the production of the pyrimidine nucleoside triphosphates required for RNA and DNA synthesis. UCK2 belongs to the uridine kinase family and UCK have important roles for the phosphorylation of nucleoside analogs that may be important in chemotherapy of cancer.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

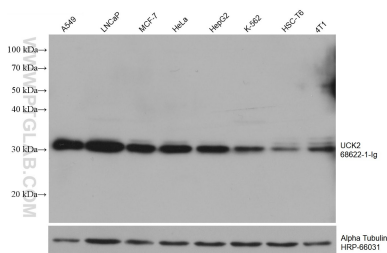
For technical support and original validation data for this product please contact:

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68622-1-Ig (UCK2 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Alpha Tubulin Monoclonal antibody (HRP-66031) as loading control. This data was developed using the same antibody clone with 68622-1-PBS in a different storage buffer formulation.